

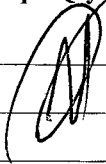
Work Order ID 164395

Wednesday, July 19, 2017 11:19:46 AM

164395

Page 1

Item ID: D2582 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Hi-Skid Step Leg Assembly
 Start Date: 8/15/2017 Start Qty: 5.00 ***5*** Cust Item ID:
 Required Date: 8/18/2017 Req'd Qty: 5.00 ***5*** Customer:
 Reference:

Approvals: Process Plan:  Date: JUL 20 2017 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2582	Rev B								
100	Small Fab	0.00							
100									
Small Fab	Memo	0.78							
Small Fab	Assemble as per Dwg D2582 and								
110	QC5- Inspect part completeness to step on W/O	0.00							
110									
QC	Memo	0.10							
Quality Control									
120	Identify as per dwg & Stock Location: <u>WA 003</u>	0.00							
120									
Packaging	Memo	0.05							
Packaging	LOCATION WA003								

Handwritten: 5X, 17/07/25, DAS 36 9-88

Handwritten: DAS 30 9-89, JUL 25 2017

Handwritten: DAS 30 9-89, JUL 25 2017

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :						
Misidentified ☐	☐	Past Due ☐							

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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC21- Final Inspection - Work Order Release	0.00							
130									
QC	Memo	0.50							
Quality Control									

DAS
21
9-89

JUL 25 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :						
Misidentified ☐	☐	Past Due ☐							

Picklist Print

Wednesday, July 19, 2017 11:19:49 AM

Page 1

Work Order ID: 164395

164395

Parent Item: D2582

D2582

Parent Item Name: Hi-Skid Step Leg Assembly

Start Date: 8/15/2017

Required Date: 8/18/2017

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP Rev:F Removed Manufacturing 05-11-07 JLM
 IPP Rev:G Added part # to Sub 06-08-10 JLM
 IPP Rev H New pick list 08.01.11 EC verified by: DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2278 *D2278* Step Leg		Manufactured	No			100	Each	33.0000	2	10		17/07/25	DAS 36 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				GA				33					
				158243				1					
				162908				10		10			
				163480				12					
				163729				10					
D2279 *D2279* Step Spacer		Manufactured	No			100	Each	17.0000	1	5		17/07/25	DAS 36 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				GA				17					
				155520				12		5			
				158232				5					
D2322 *D2322* Step Spacer		Manufactured	No			100	Each	18.0000	1	5		17/07/25	DAS 36 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				GA				18					
				152246				6					
				154915				2					
				162879				10		5			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

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Wednesday, July 19, 2017 11:19:49 AM

Page 2

Work Order ID: 164395

164395

Parent Item: D2582

D2582

Parent Item Name: Hi-Skid Step Leg Assembly

Start Date: 8/15/2017

Required Date: 8/18/2017

Start Qty: 5.00

Required Qty: 5.00

D3720-1 Manufactured No

100 Each 25.0000 1 5

D3720-1

Step Spacer

**

17/07/25 DAS 36 9-89

Location

Loc Qty

Loc Code

GA

25

157304

3

159109

12

163737

10

32

D3720-2 Manufactured No

100 Each 28.0000 1 5

D3720-2

Step Spacer

**

17/07/25 DAS 36 9-89

Location

Loc Qty

Loc Code

GA

28

154217

6

162902

12

163723

10

5

MS20470AD4-4 Purchased No

100 Each 500.0000 22 110

MS20470AD4-4

Rivet, Universal Head

**

17/07/25 DAS 36 9-89 9-89

Location

Loc Qty

Loc Code

GA

469

M137371

469

ST310

31

M132803

31

138072
110x

Wednesday, July 19, 2017 11:19:49 AM

Shop Packet Print

Page 2

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

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Date : _____		Step #: _____		QTY Effective : _____				MRB (QS1042) Approval																																																									
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Picklist Print

Wednesday, July 19, 2017 11:19:49 AM

Page 3

Work Order ID: 164395

164395

Parent Item: D2582

D2582

Parent Item Name: Hi-Skid Step Leg Assembly

Start Date: 8/15/2017

Required Date: 8/18/2017

Start Qty: 5.00

Required Qty: 5.00

MS20470AD4-5

Purchased

No

100

Each

1,516.000

4

20

**

MS20470AD4-5

RIVET, UNIVERSAL HEAD

DAS
36
9-89

17/07/25

Location

Loc Qty

Loc Code

GA

764

m136851

764

ST310

752

m136851

752

20

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coor. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coor. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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OTHER : ☐																									

